

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

07/19/2011

Patrick Vallely
Assistant District Attorney, Norfolk County

Dear ADA Vallely,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

*The Commonwealth of Massachusetts**Executive Office of Health and Human Services**Department of Public Health**State Laboratory Institute*

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

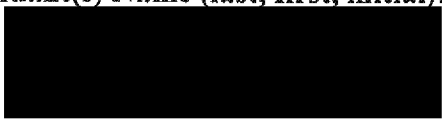
2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

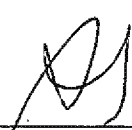
City or Department: QuincyPolice Reference No.: Name and Rank of Submitting Officer: Det CoenDefendant(s) Name (last, first, initial):
*To be completed by Submitter*

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

19 Percocet12.36 gm4 1/2 Adderall5.24 gmReceived by: Date: 10.7.10

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: [REDACTED]
Amount: 4.5
No. Cont: 1 Cont: pb
Date Rec'd: 10/07/2010
Gross Wt.: 5.24

Date Analyzed: 1-20-11

Subst: TAB

No. Analyzed:

Net Weight:

Tests: 1AB
• 2DJR

Prelim: Amphetamine Findings: Amphetamine

No. [REDACTED]
City: Quincy Police Dept.
Officer: Detective WILLIAM WARD
Def: [REDACTED]
Amount: 19.0
No. Cont: 1 Cont: pb
Date Rec'd: 10/07/2010
Gross Wt.: 12.36

Date Analyzed: 1-20-11

Subst: TAB

No. Analyzed:

Net Weight: 8.57

Tests: 1AB
• 2DJR

Prelim: Oxycodone Findings: Oxycodone

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Quincy ANALYST ASJ

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

19 white round tablet
n-p



Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 8.5796

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Muonex AP

PRELIMINARY TEST RESULTS

RESULTS oxycodone

DATE 1-18-11

GC/MS CONFIRMATORY TEST

RESULTS oxycodone

MS
OPERATOR DSR

DATE 1-20-11

Drug Information

DRUG NAME: OXYCODONE AND ACETAMINOPHEN

INGREDIENTS: ACETAMINOPHEN -- 325 MG
OXYCODONE HYDROCHLORIDE -- 10 MG

Color: white

Shape: Circle

Imprint: Watson 932

Form: Oral Tablet

Available-Container-Size: Bottle of 100 , Bottle of 500

AAPCC Code: 072702 -
Acetaminophen with Oxycodone

NDC: 0591-0932-01
0591-0932-05

Excipients: Silicon Dioxide,
Colloidal ; Crospovidone ; Magnesium
Stearate ; Cellulose,
Microcrystalline ; Povidone ; Starch,
Pregelatinized ; Stearic Acid

Regulatory Status: Schedule II

Availability: United States

Product ID 6489052

Contact: Watson Laboratories

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DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Quincy ANALYST ADD

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

4.5 ggs ASS orange oval
tablet in bag

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 1.3328

-b-
974

310

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Microscopic AP

PRELIMINARY TEST RESULTS

RESULTS Amphetamine

DATE 1-18-11

GC/MS CONFIRMATORY TEST

RESULTS Amphetamine

MS
OPERATOR DJR

DATE 1-20-11

Drug Information

DRUG NAME: DEXTROAMPHETAMINE SACCHARATE, AMPHETAMINE ASPARTATE,
DEXTROAMPHETAMINE SULFATE, AMPHETAMINE SULFATE 30 MG TABLET

INGREDIENTS: DEXTROAMPHETAMINE SULFATE -- 7.5 MG
AMPHETAMINE SULFATE -- 7.5 MG
DEXTROAMPHETAMINE SACCHARATE -- 7.5 MG
AMPHETAMINE ASPARTATE -- 7.5 MG

Color: peach

Shape: Oval

Imprint: B; 974; 3; 0

Form: Tablet

Available-Container-Size: Bottle of
100

AAPCC Code: 001000 -
Amphetamines and Related
Compounds

NDC: 00555-0974-02

Regulatory Status: Schedule II

Availability: United States

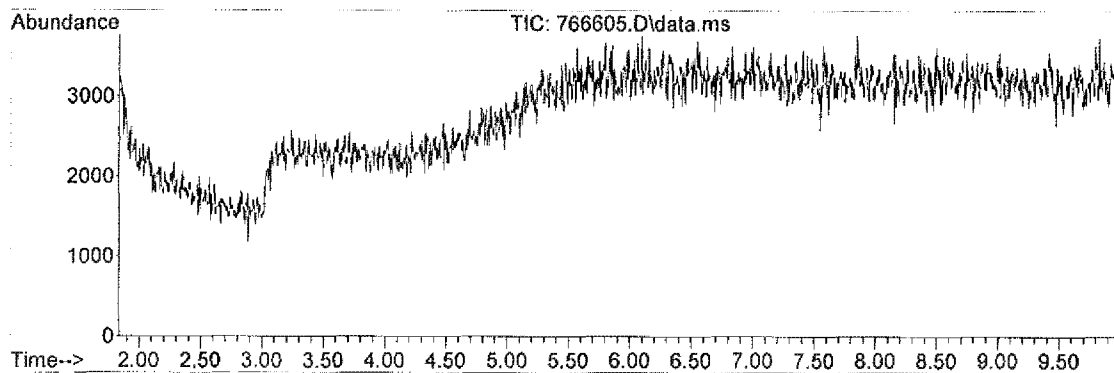
Product ID 6235447

Contact: Barr Laboratories

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Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766605.D
Operator : DJR
Date Acquired : 19 Jan 2011 14:42
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

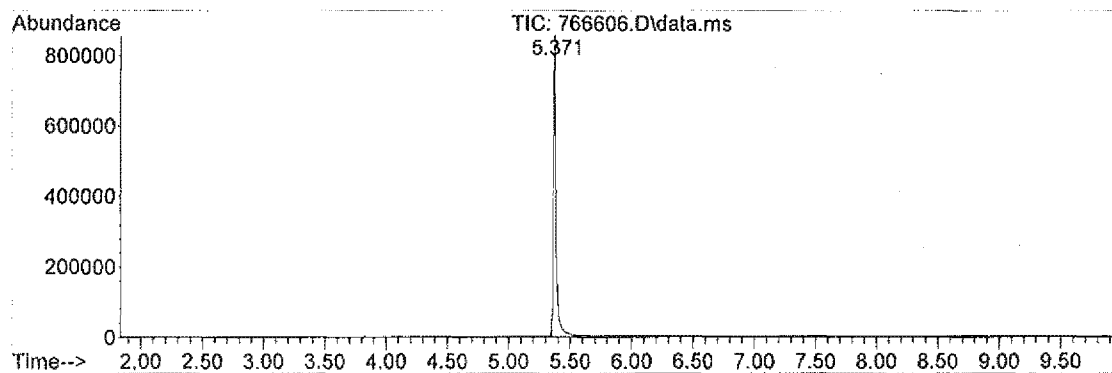


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766606.D
Operator : DJR
Date Acquired : 19 Jan 2011 14:55
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE



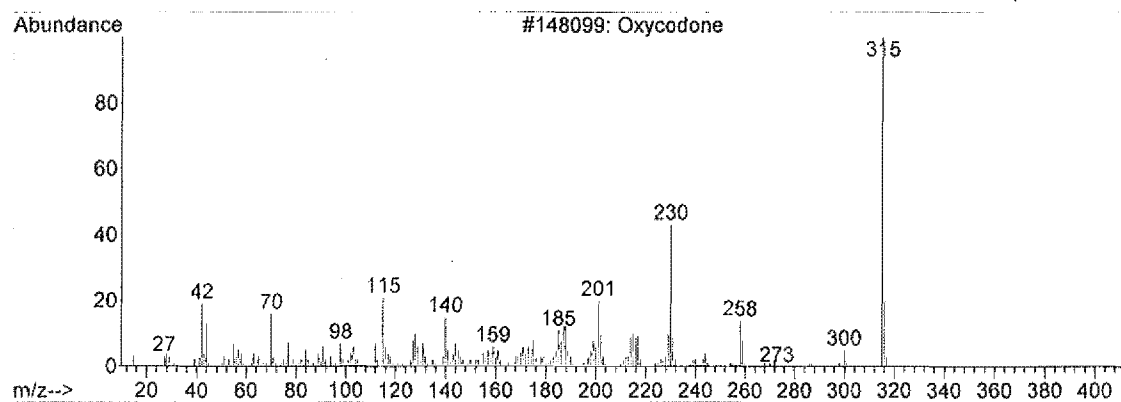
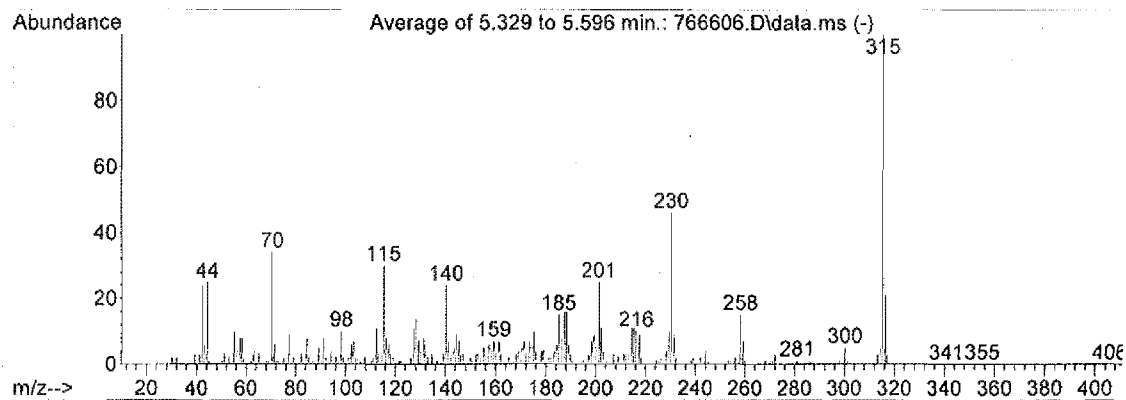
Ret. Time	Area	Area %	Ratio %
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Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766606.D
Operator : DJR
Date Acquired : 19 Jan 2011 14:55
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE

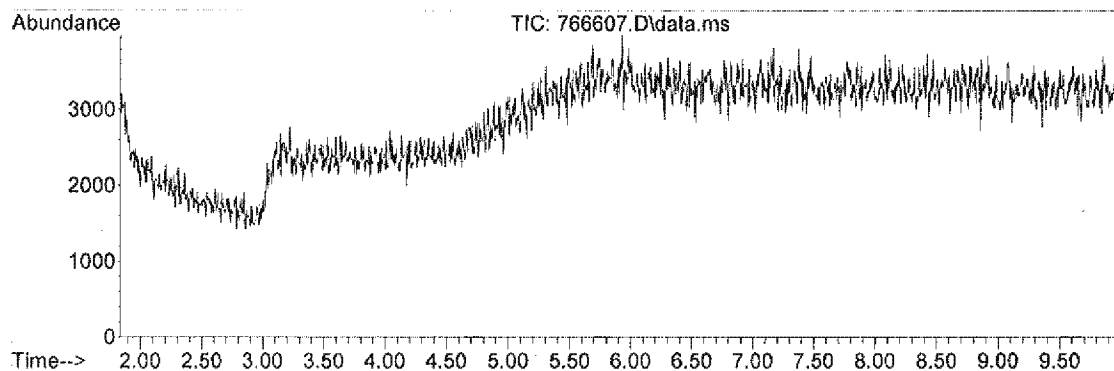
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.37	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766607.D
Operator : DJR
Date Acquired : 19 Jan 2011 15:08
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

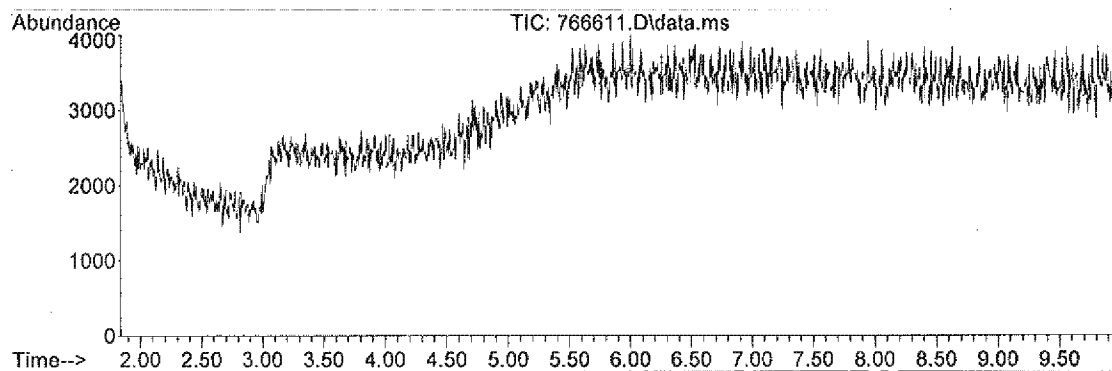


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766611.D
Operator : DJR
Date Acquired : 19 Jan 2011 15:59
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

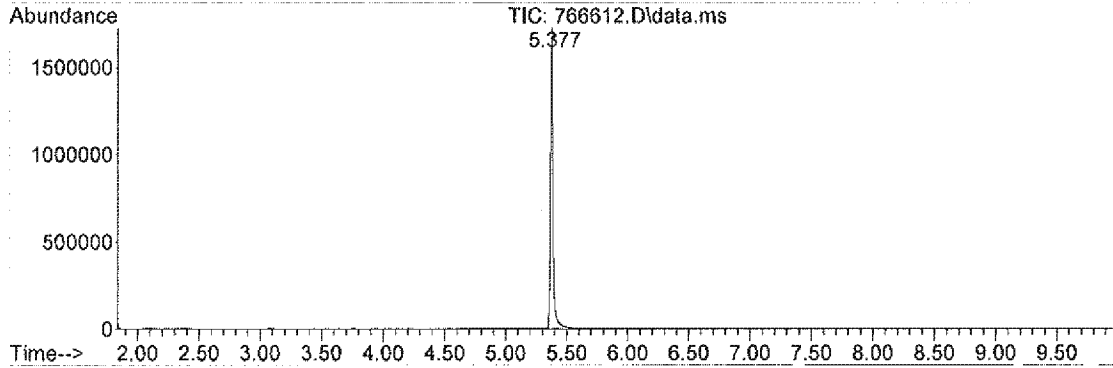


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

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File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766612.D
Operator : DJR
Date Acquired : 19 Jan 2011 16:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE



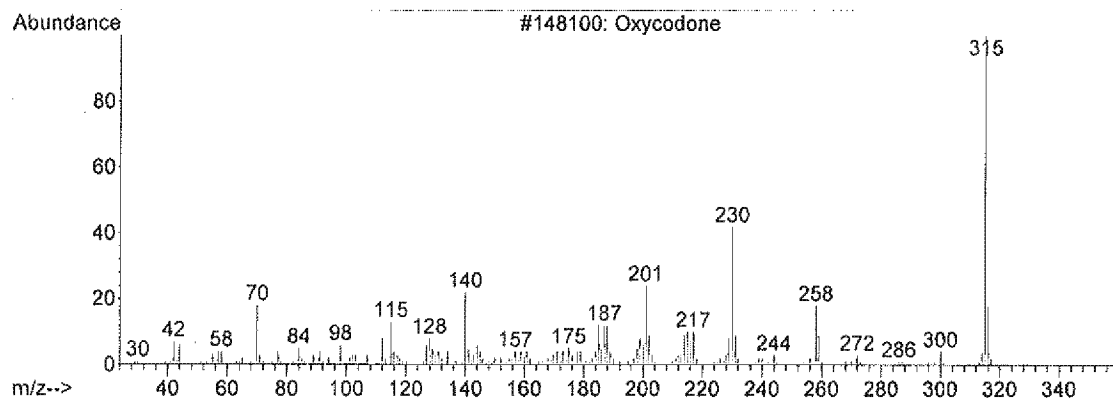
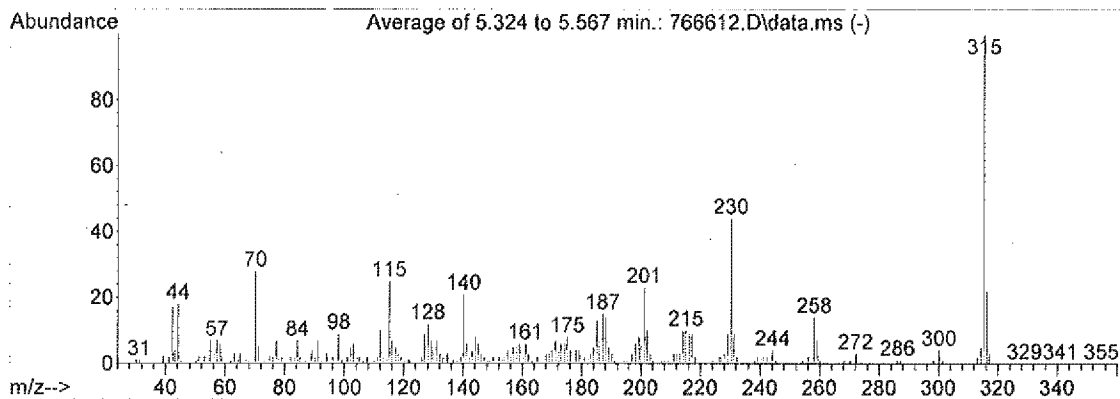
Ret. Time	Area	Area %	Ratio %
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Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766612.D
Operator : DJR
Date Acquired : 19 Jan 2011 16:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE

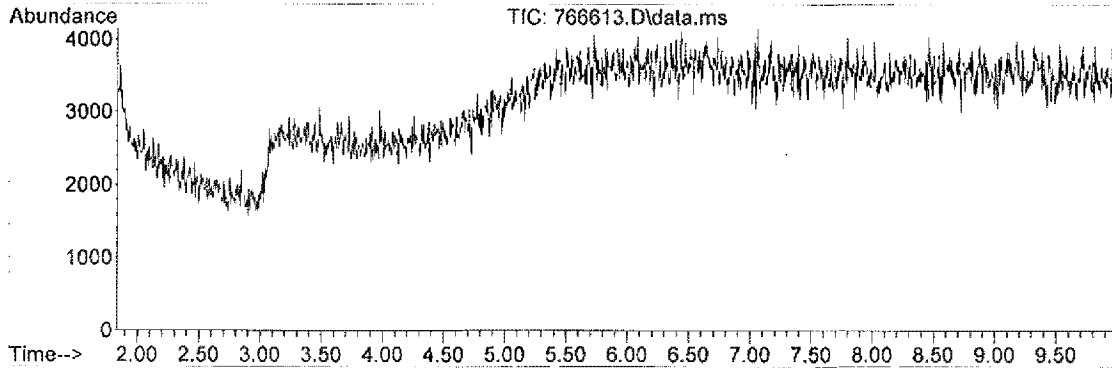
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.38	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766613.D
Operator : DJR
Date Acquired : 19 Jan 2011 16:24
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

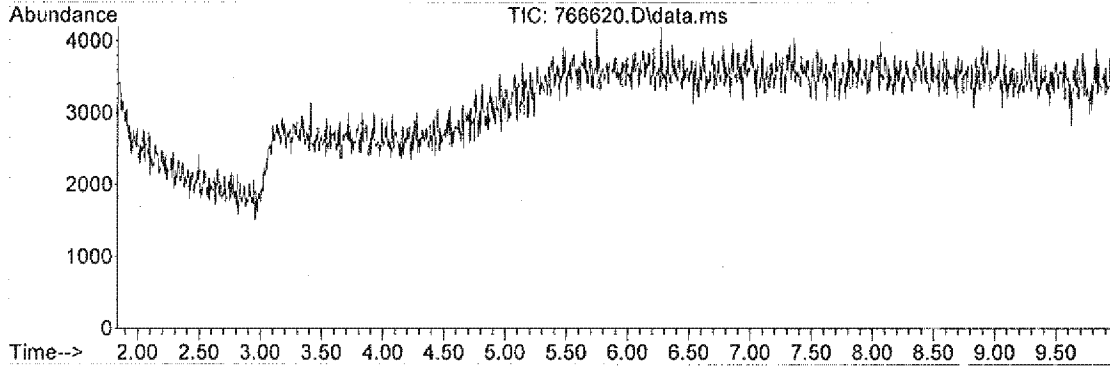


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766620.D
Operator : DJR
Date Acquired : 19 Jan 2011 17:54
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

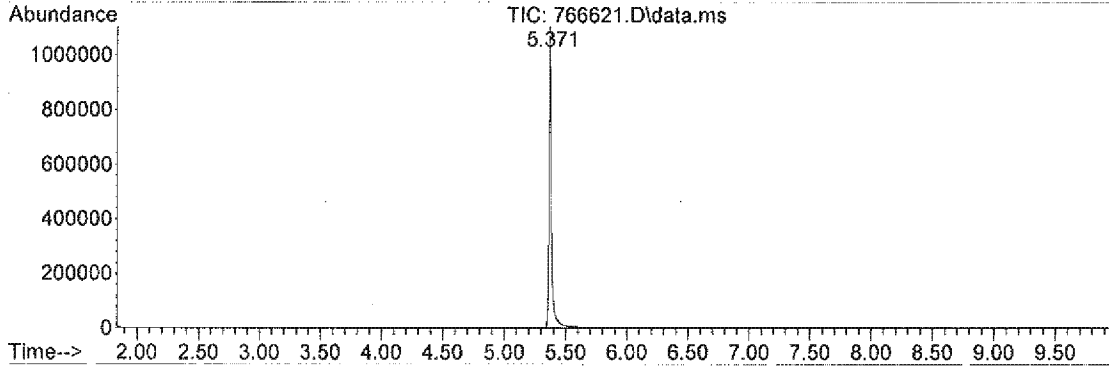


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766621.D
 Operator : DJR
 Date Acquired : 19 Jan 2011 18:07
 Sample Name : OXYCODONE STD
 Submitted by :
 Vial Number : 6
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



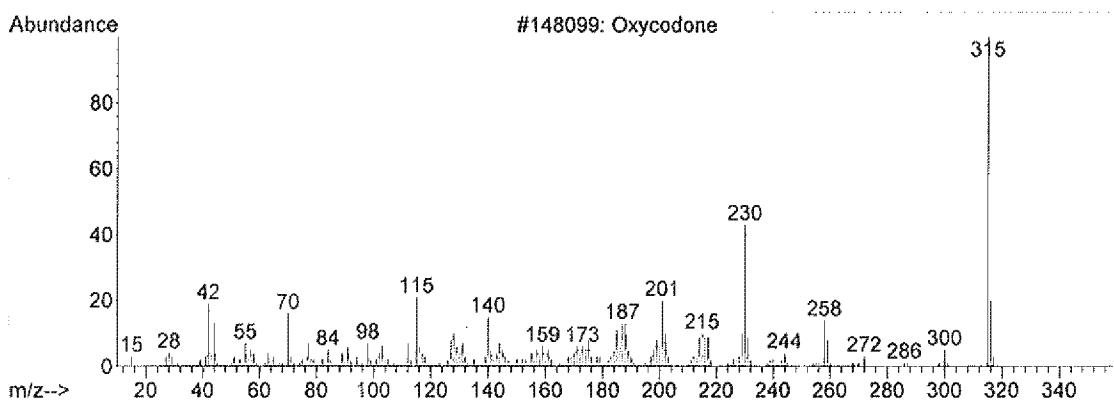
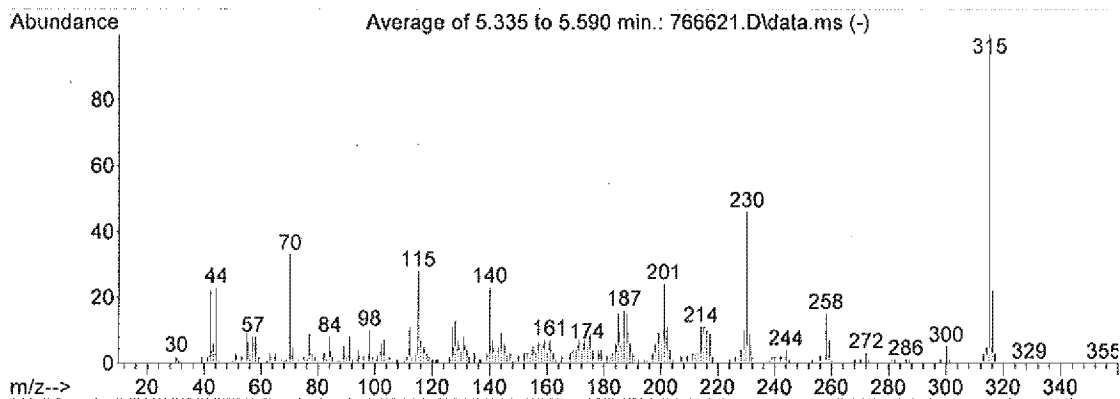
Ret. Time	Area	Area %	Ratio %
5.371	1435345	100.00	100.00

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766621.D
Operator : DJR
Date Acquired : 19 Jan 2011 18:07
Sample Name : OXYCODONE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE

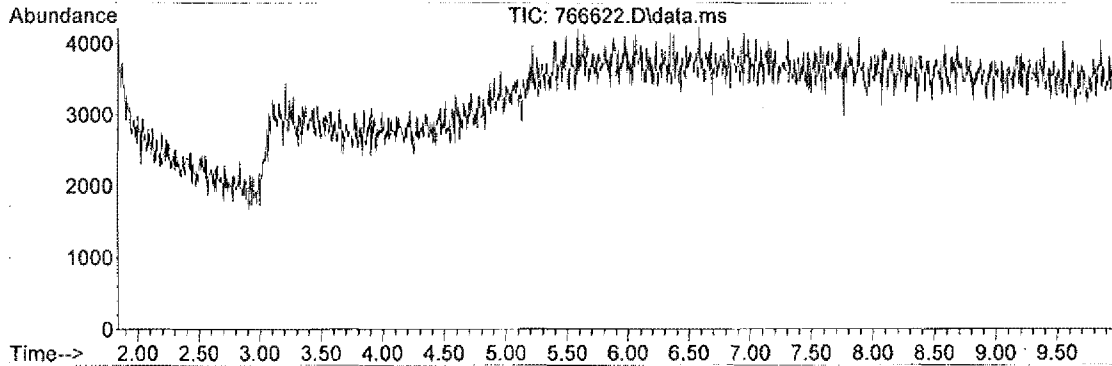
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.37	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766622.D
Operator : DJR
Date Acquired : 19 Jan 2011 18:19
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

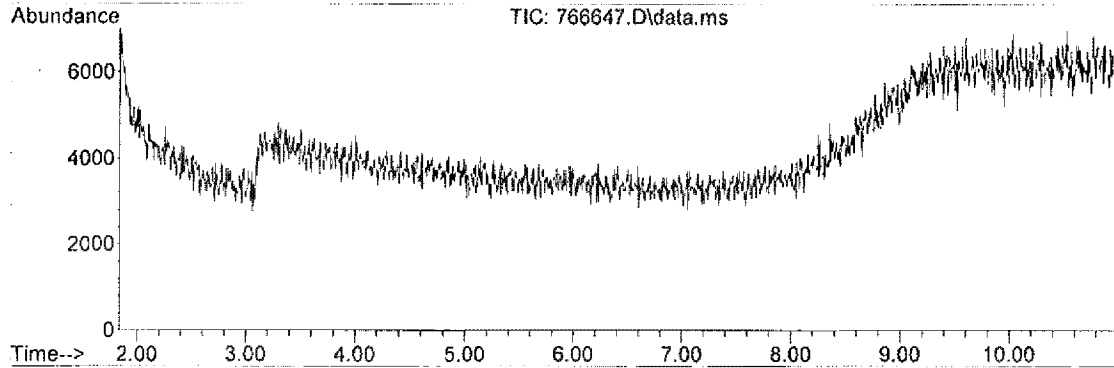


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766647.D
Operator : DJR
Date Acquired : 19 Jan 2011 23:47
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: SPEED.M
Integrator : RTE

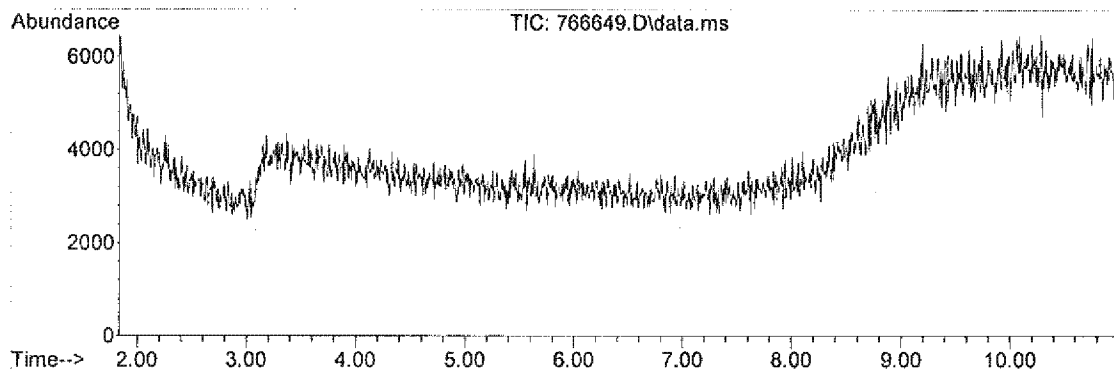


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766649.D
Operator : DJR
Date Acquired : 20 Jan 2011 00:17
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: SPEED.M
Integrator : RTE

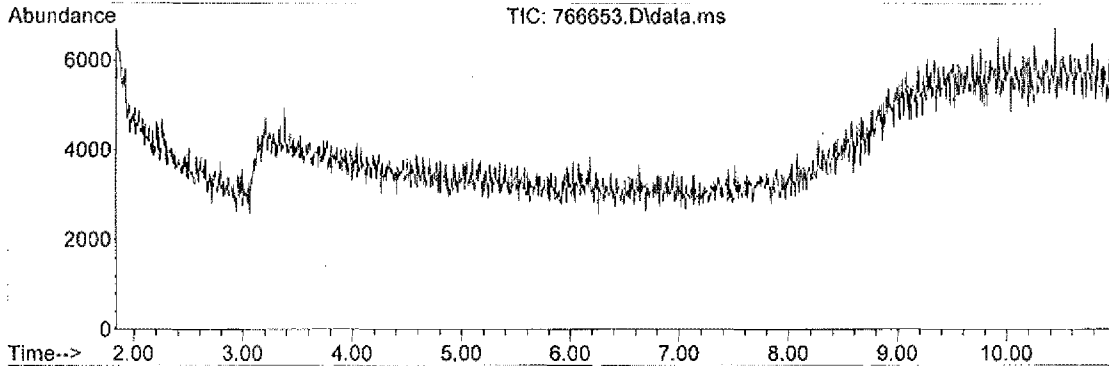


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766653.D
Operator : DJR
Date Acquired : 20 Jan 2011 1:16
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: SPEED.M
Integrator : RTE

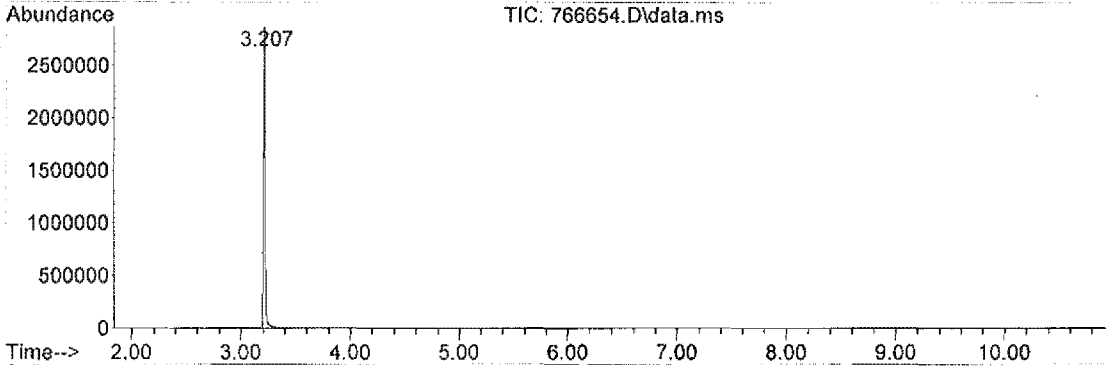


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766654.D
 Operator : DJR
 Date Acquired : 20 Jan 2011 1:31
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 54
 AcquisitionMeth: SPEED.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.207	3214880	100.00	100.00

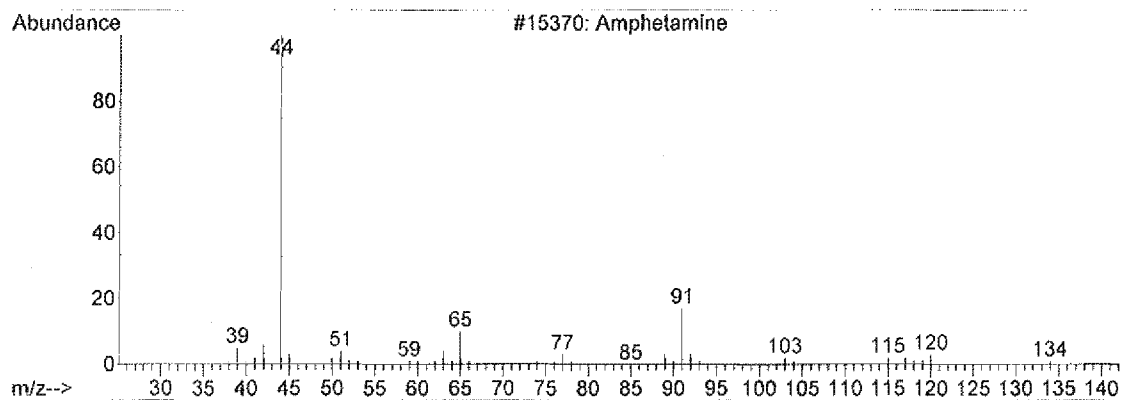
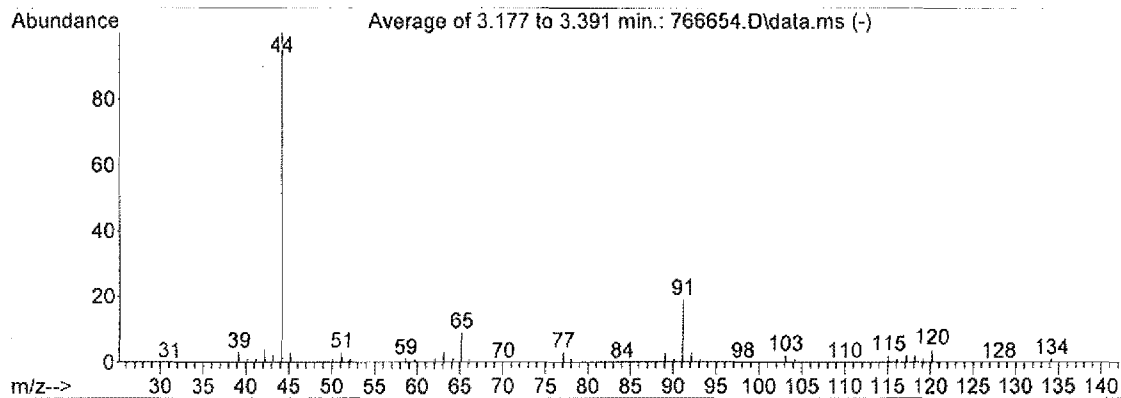
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766654.D
Operator : DJR
Date Acquired : 20 Jan 2011 1:31
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 54
AcquisitionMeth: SPEED.M
Integrator : RTE

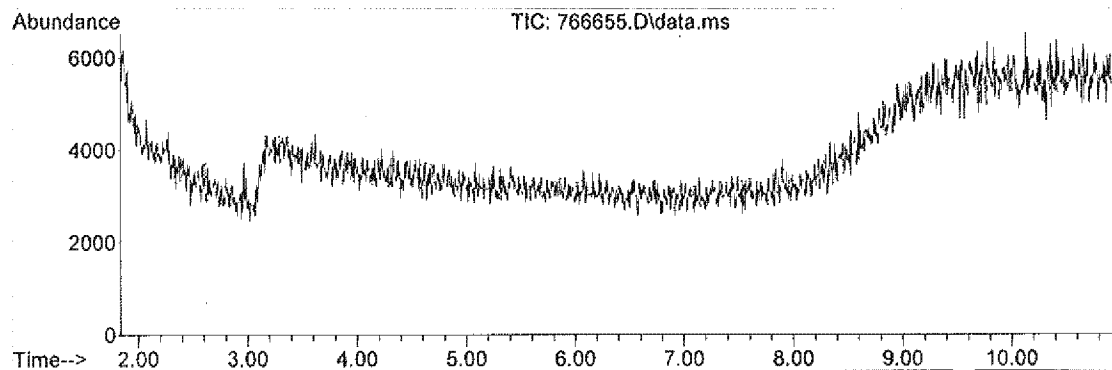
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.21	C:\Database\NIST08.L		
		Amphetamine	000300-62-9	90
		Amphetamine	000300-62-9	83
		Dextroamphetamine	000051-64-9	83



Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766655.D
Operator : DJR
Date Acquired : 20 Jan 2011 1:46
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: SPEED.M
Integrator : RTE



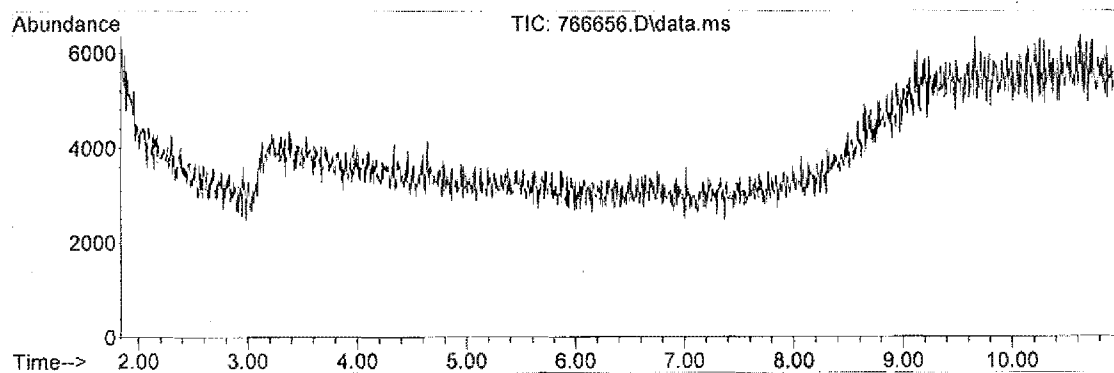
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766656.D
 Operator : DJR
 Date Acquired : 20 Jan 2011 2:01
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: SPEED.M
 Integrator : RTE



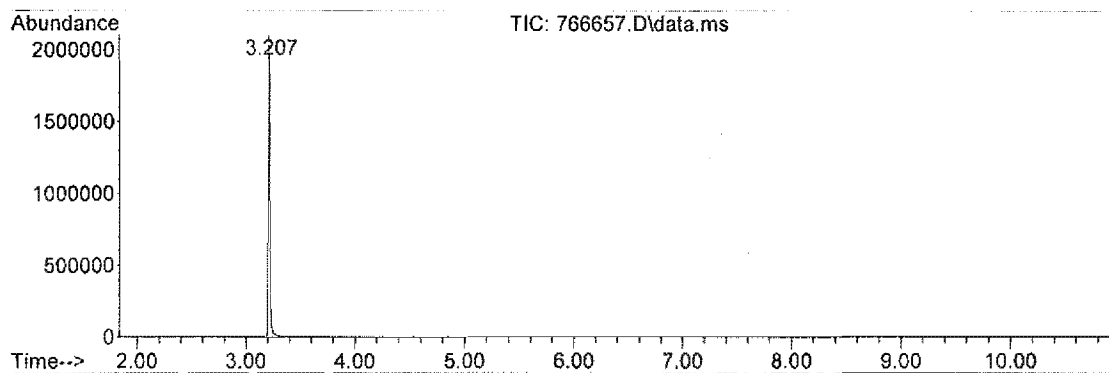
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766657.D
 Operator : DJR
 Date Acquired : 20 Jan 2011 2:16
 Sample Name : AMPHETAMINE STD
 Submitted by :
 Vial Number : 48
 AcquisitionMeth: SPEED.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.207	2178378	100.00	100.00

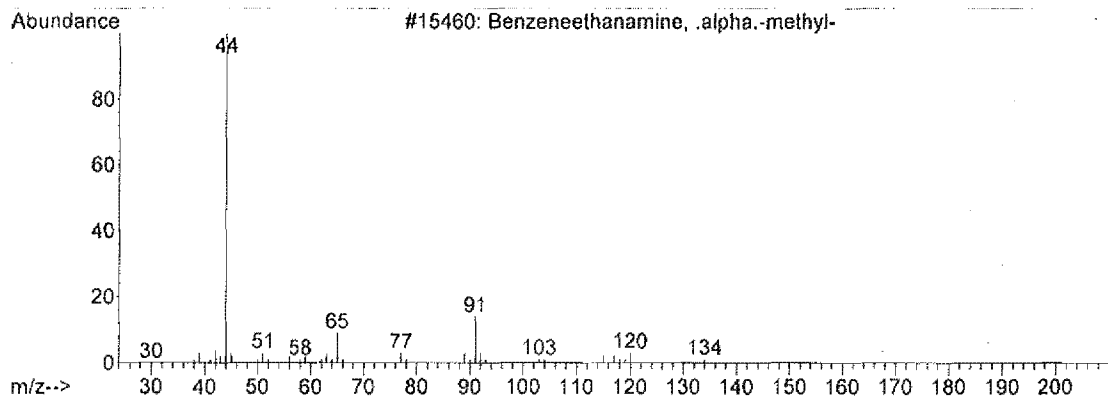
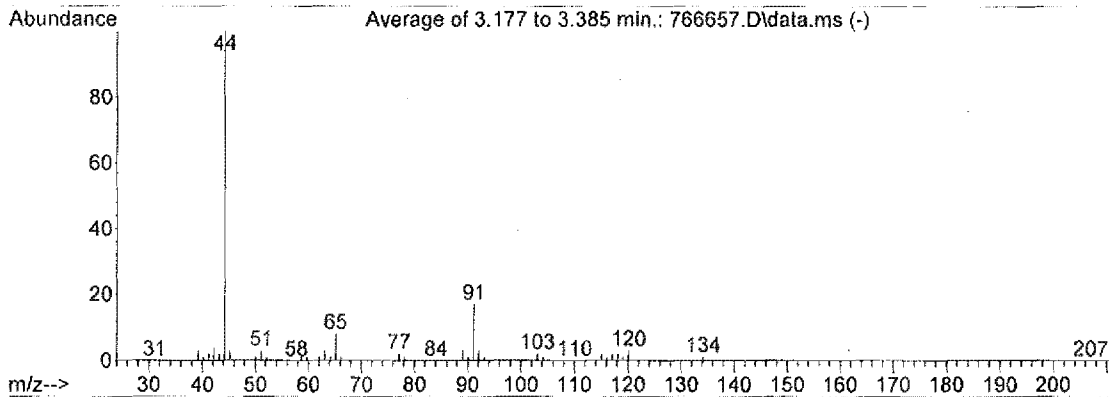
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766657.D
 Operator : DJR
 Date Acquired : 20 Jan 2011 2:16
 Sample Name : AMPHETAMINE STD
 Submitted by :
 Vial Number : 48
 AcquisitionMeth: SPEED.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

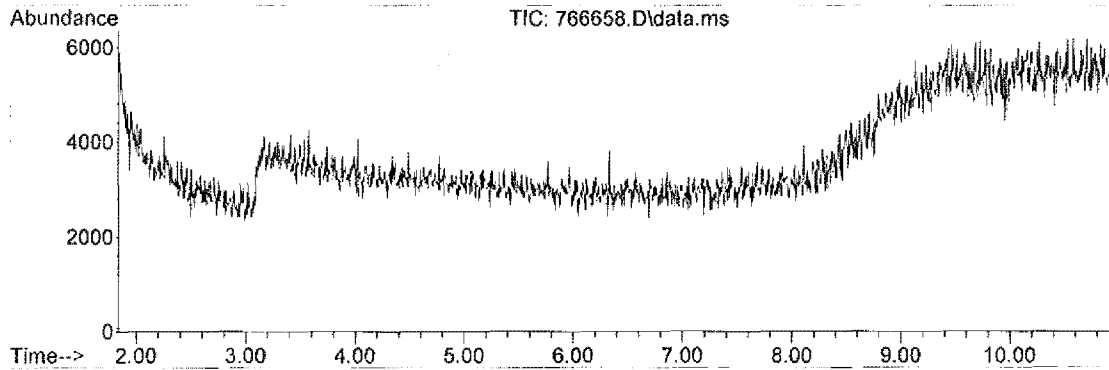
PK#	RT	Library/ID	CAS#	Qual
1	3.21	C:\Database\NIST08.L		
		Benzeneethanamine, .alpha.-methyl-	000060-15-1	90
		Amphetamine	000300-62-9	90
		Amphetamine	000300-62-9	90



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\01_19_11\766658.D
Operator : DJR
Date Acquired : 20 Jan 2011 2:31
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: SPEED.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS